

1    ABSTRACT

2           A baseband receiver having quadrature analog outputs  
3   and a plurality of analog control and status signals and a  
4   transmit modulator having analog quadrature inputs and a  
5   plurality of analog control and status signals are coupled  
6   to a transmit processor having a digital output and a  
7   plurality of digital control and status signals and to a  
8   receive processor having a digital input and a plurality of  
9   digital control and status signals by multiplexing analog to  
10   digital converters and digital to analog converters such  
11   that during a receive time the converters are used for a  
12   receive purpose and during a transmit time, the converters  
13   are used for a transmit purpose.

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